In re Application of:
    Orang Dialameh et al.
Application No.: 09/915,204
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PATENT
Docket No.: EYEM1240-1

Amendments to the Specification:

Please replace paragraph [0001] with the following amended paragraph:

[0001] This application claims priority under 35 U.S.C. §119(e)(1) and 37 C.F.R. § 1.78(a)(4) to U.S. provisional application serial number 60/220,309, entitled SYSTEM AND METHOD FOR FEATURE LOCATION AND TRACKING IN MULTIPLE DIMENSIONS INCLUDING DEPTH and filed July 24, 2000; and claims priority under 35 U.S.C. § 120 and 37 C.F.R. § 1.78(a)(2) as a continuation-in-part to U.S. patent application serial number 09/206,195, entitled FACE RECOGNITION FROM VIDEO IMAGES and filed December 4, 1998, now U.S. Patent No. 6,301,370. The entire disclosure of U.S. patent application serial number 09/206,195 is incorporated herein by reference.

Please replace paragraph [0016] with the following amended paragraph:

[0016] The cameras may be calibrated for the image ray slope associated with each vertical verticle row of pixels. A feature in the image frame may be located and tracked using elastic bunch graph matching. As shown in FIG. 4A, the left eye E is imaged in the left image along vertical pixel row PL and, as shown in FIG. 4B, the left eye E is imaged in the right image along vertical pixel row PR. The pixel rows PL and PR are associated with slopes ML and MR, respectively. Accordingly, the location of the left eye E is readily calculated in the x-z plane. Elastic bunch graph matching and more sophisticated geometrical models and calibration techniques are described in U.S. patent application number 6,301,370 09/206,195.